

(Example) Average center frequencies of the two lowest formants

This table includes the average center frequencies of the two lowest formants (F_1 ja F_2) in individual pronunciations of speech sounds that roughly correspond to IPA symbols.

The data come from the textbook *A Practical Introduction to Phonetics* by J. C. Catford (1988), p. 161.

Average vowel formants			
Vowel	Formant F_1	Formant F_2	Difference
(IPA)	(Hz)	(Hz)	$F_2 - F_1$(Hz)
i	240	2400	2160
y	235	2100	1865
e	390	2300	1910
ø	370	1900	1530
ɛ	610	1900	1290
œ	585	1710	1125
a	850	1610	760
æ	820	1530	710
ɑ	750	940	190
ɒ	700	760	60
ʌ	600	1170	570
ɔ	500	700	200
ɤ	460	1310	850
o	360	640	280
ʊ	300	1390	1090
u	250	595	345